Approved for use through 02/28/2009, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Sub	stitute for form 1449/PTO			Complete if Known		
				Application Number	10/796,856-Conf. #2436	
11	<b>IFORMATION</b>	1 DI	SCLOSURE	Filing Date	March 9, 2004	
s	TATEMENT I	3Y /	APPLICANT	First Named Inventor	lan Hunter	
				Art Unit	1797	
	(Use as many sh	eets a	s necessary)	Examiner Name	A. Soderquist	
Sheet	neet 1 of 10			Attorney Docket Number	65689DIV3(43382)	

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AS/	AA*	US-2004/0171166	09-02-2004	Hunter	
/AS/	AB*	US-5,641,864	06-24-1997	Gelfand	
	<del>461</del>	UO 2000/0124710	07-03-2003	Hess et al.	
	AD****	UC-20040132048-A1-	97-08-2004	Hamill	
************	AE*-	US-20040102040-A1-	07-00-2004	Harrill	
	AF	US-20040102040-A1-	07-00-2004	Hemill	
	AG*	US 20000105430	05-10-2000	Dickmore et al:	
	AH****	US-20030213710	41-27-2003	Avdeef et al.	
***************************************	Al	U3-0.030.833	07-18-200S	Chena et al.	
/AS/	AJ*	US-6,844,161		Siani et al.	
	A16****	US-0,576,470	96-10-2000	Wagner et al.	
/AS/	AL*	US-6,429,025		Parce et al.	
	ستهيم	US 6,406,060	00-10-2002-	Clickman et al:	
	A14	US-2004/0241000		Michnick et al.	
/AS/	AO*	US-5,491,083	02-13-2006	Arentzen et al.	
	AP	UG-2000/0170010	<del>09-11-2000</del>	0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
/AS/	AQ*	US-5,433,975		Roberts et al.	
/AS/	AR*	US-5,322,019		Hyland	
/AS/	AS*	US-5,175,209		Beattie et al.	

		FOREI	GN PATENT	DOCUMENTS	S		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (# known)	Publication Date MM-DD-YYYY		of Patentee or of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
/AS/	BA	WO-99/61152-A1	12-02-1999	MJ Research	h, Inc.		П
***************************************	DD-	WO 2004/074010 A2	00-02-2004	BioTrove, In	÷	-	
***************************************	BC	WO-00/91735	09-06-2000	Glaxo Group	Lio et al.	•	
90000000000	<del>89</del> -	WO-01/67805	11-22-2001	Lilly Go Eli o	<del>(a).</del>		П
	BE	WO 01/00500	05-01-2001	Diversa Gen	<del></del>		П
	ВР	WC-01/61054	08-23-2001	Univ Leland et al.	Stanford Junior	-	
Examine Signature		/Arlen Soderquist/			Date Considered	04/27/2009	=

"EXAMINED Initial influence considered, whether in not determ in conformance with MIET 900. Date (in through ableton it not in conformance and considered include copy of the form when not communication to applicant." CEIT EX. On. These applications when the major when he major when he major when the street of the CIE No. are not supplied (under 37 CET 8 198(a))(in)) because that application was filled after June 30, 2000 or is available in the PW ... Application for the CIE PW ... Application of the position of the posit

Approved for use through 02/28/2009, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

_	Under the Paperwork Heduction	4ct of 1	Pats, no persons are required to r	espond to a collection of infor	mation unless it contains a valid OMB control number	
Г	Substitute for form 1449/PTO			Complete if Known		
ı				Application Number	10/796,856-Conf. #2436	
	INFORMATION	I DI	SCLOSURE	Filing Date	March 9, 2004	
	STATEMENT B	3Y /	APPLICANT	First Named Inventor	Ian Hunter	
				Art Unit	1797	
	(Use as many sh	eets a	necessary)	Examiner Name	A. Soderquist	
Sł	Sheet 2 of 10		Attorney Docket Number	65689DIV3(43382)		

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
***************************************	ATA	US-5,722,078	69-09-1996-	Koike et al	
/AS/	AU*	US-6,015,880	01-18-2000	Baldeschwieler et al.	
/AS/	AV*	US-6,103,479	08-15-2000	Taylor	
	*****	<del>U3-0,130,592</del>	10-24-2000	Leighton	
/AS/	AX*	US-2002/0049196	04-25-2002	Carpino et al.	
	AY*	US-5,152,060	10-06-1992	Schubert et al.	
	AZ*	US-3,997,396	12-14-1976	Delente	
	AA1*	US-5,373,803	12-20-1994	Noguchi et al.	
	AB1*	US-5,906,683	05-25-1999	Chen et al.	
	AC1*	US-1,236,137	08-01-1917	Bastow	
$\neg$	AD1*	US-2,745,001	05-01-1956	Guth	
_	AE1*	US-3,170,980	02-01-1965	Pritchard	
$\neg$	AF1*	US-3,864,512	02-04-1975	Meadow	
	AG1*	US-4,110,165	08-29-1978	Cole et al.	
	AH1*	US-5,382,985	01-17-1995	Becker et al.	
	Al1*	US-3,043,669	07-10-1962	Charles	
VI/	AJ1*	US-4,007,010	02-08-1977	Woodbridge, III	
-	AK1*	US-4,065,263	12-27-1977	Woodbridge, III	
/AS/	AL1*	US-4,273,877	06-16-1981	Anagnostopoulos et al.	

		FORE	GN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Te
	80-	WO-00/50458	08-20-2000-	Genencer Int		Г
/AS/	вн	WO-99/55461	11-04-1999	Corning Inc		П
/AS/	BI	JP-63107057	05-12-1988	Hitachi Ltd		П
************	<del>DJ</del>	JP-2002-241599	00-20-2002	Toyo Tire & Rubber Go Ltd		
/AS/	вк	WO-97/00941	01-09-1997	Univ Utah Res Found		
/AS/	BL	WO-97/00943	01-09-1997	Bnfl Fluorchem Ltd et al.		П
				•		
Examine: Signature		/Arlen Soderquist/		Date Considered	04/27/2009	

\*\*EXAMINED: Trivial inference considered, whether or not detains a conference with METE DBD. Drus ten brough detains it not no communication and not considered include copy of the form with more communications to perform in 10°C to No. These applications which were marked when a renige siteration from the Clo No. se not supplied (under 30°CFR 1.08(a)2(iii)) because that application was filled after June 30, 2000 or is available in the FWI. \*\*Application\*\* any control on expension number (promoss\*). \*\*See Notes\*\* Occasioned to METEP Ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte or the promose of the PEP ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte or the promose of the PEP ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte or the promose of the PEP ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered proceeds the sent at marked of the patient document. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange or METEP 30°C AT\*\*. \*\*Eren Clotte ordered Comments at the excellange ordere

Approved for use through 02/28/2009, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitu	te for form 1449/PT	10		Complete if Known		
		-		Application Number	10/796,856-Conf. #2436	
INF	ORMATIC	ON DI	SCLOSURE	Filing Date	March 9, 2004	
ST	ATEMENT	BY A	APPLICANT	First Named Inventor	lan Hunter	
				Art Unit	1797	
	(Use as many	sheets as	necessary)	Examiner Name	A. Soderquist	
Sheet	neet 3 of 10			Attorney Docket Number	65689DIV3(43382)	

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AS/	AM1*	US-4,990,459	02-05-1991	Maeda et al.	
1	AN1*	US-5,009,846	04-23-1991	Gavet et al.	
	AO1*	US-5,108,926	04-28-1992	Klebe	
$\neg$	AP1*	US-5,466,583	11-14-1995	Thomson et al.	
$\neg$	AQ1*	US-6,024,925	02-15-2000	Little et al.	
V/	AR1*	US-6,121,048	09-19-2000	Zaffaroni et al.	
-w-	AS1*	US-5,621,094	04-15-1997	Roser et al.	
/AS/	AT1*	US-5,632,957	05-27-1997	Heller et al.	
	AUA	UG-2002/0001546	91-99-2002	Hanter et al.	
/AS/	AV1*	US-6,083,682	07-04-2000	Campbell et al.	
/AS/	AW1*	US-4,682,891	07-28-1987	de Macario et al.	
	A)(1*-	US 0,514,750	<del>02-04-2009</del> -	Bordenkircher et al.	
***************************************	****	US-0,700,009	05-00-2004	Brown et al.	
/AS/	AZ1*	US-5,710,381	01-20-1998	Atwood et al.	
/AS/	AA2*	US-5,475,610	12-12-1995	Atwood et al.	
/AS/	AB2*	US-5,602,756	02-11-1997	Atwood et al.	
***************************************	AGQ*	US 6,767,626	05-10-2004	Bergh et al.	
AS/	AD2*	US-4,453,805		Ashkin et al.	
/AS/	AE2*	US-4,613,573	09-23-1986	Shibayama et al.	

		FOREI	GN PATENT	DOCUMENTS		_
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>2</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>e</sup>
***************************************	BM-	WO-03/35259	05-01-2003	Sequenon Inc.		Г
***************************************	814	WO-03/42037	05-22-2003	Genospectra; Inc.		Г
Millionencoccocc	-80	WO-04/10104	03-04-2004	BigTreve, Inc.		Г
/AS/	BP	WO-9939829	08-12-1999	Merck & Co Inc et al.		Т
/AS/	BQ	WO-97/36167	10-02-1997	United Utilities Plc et al.		Г
	20	WO 00/00000		Massachusetts Institute of		Г
	-Distance of the last of the l	WO 02 03302	11-14-2002	Technology		

Examiner Signature	/Arlen Soderquist/	Date Considered	04/27/2009

\*EXAMINED: Initial indexence considered, whether or not dation in a conformance with MIFE 900. Date lies brough dation if not in conformance and reconsidered include copy of the form when not communications to applicant. \*CEIT EXAMINED CON. These applications which were mixed with an enging actions feet to the CLR No. are not supplied (under 37 CEIT 1.08(a)2(iii)) because that application was filled after June 30, 2000 or a available in the FW . \*Applicant\*\* improved the conformance of the CLR CONTROL CON

Approved for use through 02/28/2009, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

_	Under the Paperwork Reduction	Act of 1	995, no persons are required to r	espond to a collection of infor	mation unless it contains a valid OMB control number	
Г	Substitute for form 1449/PTO			Complete if Known		
ı				Application Number	10/796,856-Conf. #2436	
L	INFORMATIO	N DI	SCLOSURE	Filing Date	March 9, 2004	
ı	STATEMENT	BY A	APPLICANT	First Named Inventor	Ian Hunter	
L				Art Unit	1797	
L	(Use as many sl	eets a	s necessary)	Examiner Name	A. Soderquist	
s	Sheet 4 of 10		Attorney Docket Number	65689DIV3(43382)		

			U.S. PA	TENT DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
/AS/	AF2*	US-4,683,195	07-28-1987	Mullis et al.	
1	AG2*	US-4,683,202	07-28-1987	Mullis	
-	AH2*	US-4,734,192	03-29-1988	Champion et al.	
$\neg$	Al2*	US-4,861,722	08-29-1989	Sano et al.	
$\neg$	AJ2*	US-4,893,886	01-16-1990	Ashkin et al.	
$\neg$	AK2*	US-4,932,806	06-12-1990	Eklund et al.	
	AL2*	US-4,965,188	10-23-1990	Mullis et al.	
	AM2*	US-5,038,852	08-13-1991	Johnson et al.	
	AN2*	US-5,100,627	03-31-1992	Buican et al.	
	AO2*	US-5,192,980	03-09-1993	Dixon et al.	
	AP2*	US-5,219,727	06-15-1993	Wang et al.	
	AQ2*	US-5,229,163	07-20-1993	Fox	
	AR2*	US-5,234,665	08-10-1993	Ohta et al.	
	AS2*	US-5,310,652	05-10-1994	Gelfand et al.	i
	AT2*	US-5,322,770	06-21-1994	Gelfand	
	AU2*	US-5,333,675	08-02-1994	Mullis et al.	
V	AV2*	US-5,407,800	04-18-1995	Gelfand et al.	
-	AW2*	US-5,411,876	05-02-1995	Bloch et al.	1
/AS/	AX2*	US-5,455,008	10-03-1995	Earley et al.	i

		FOREI	GN PATENT	DOCUMENTS	3		
Examiner Initials*	Cite No.	Foreign Patent Document  Country Code <sup>2</sup> -Number <sup>6</sup> -Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY		of Patentee or of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Te
***************************************	83	WO-02/20034	04-04-2002	Picoliter Inc.		-	г
	DT.	WO-02/40150	05-23-2002	Herfurth Las	er Technology	-	Г
	80-	WO-02/35199	07-10-2002	Sequenom,	nc.	-	г
	BY-	WO-02/78034	10 10 0000	Concepcotre	lee .		г
	BW	WO-02/07704	11-07-2002	Diotrove Inc			$\overline{}$
*************	ВX	WO-02/30561	04 10 2002	Biotrove Inc.	et al:		
							_
Examiner Signature		/Arlen Soderquist/			Date Considered	04/27/2009	

\*EXAMINE: I mital inference considered, whether or not obtain in a conformace with METE 960. Date the through obtained not an conformace and not considered foliable copy of the form when not communication to applicant. \*\*CDITE No. These applications/which are mitted with a many activation fear to the CDIE No. are not supplied (under 37 CPT 1.98(4)(2)(iii)) because that application was filted after June 30, 2003 or a variable in the FPM. \*\*Applicants unique citation designation number (points). \*\*See Minds Code of USFFO friends Comments at anywarizance of METEP 9014. \*\*Elem CDIEs or the Use of USFFO friends Comments at a variable capped of the USFFO friends of USFFO friends Comments at a variable comment of the USFFO friends of USFFO friends of

Approved for use through 02/28/2009, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

				·	mation unless it contains a valid CMB control number	
Sub	stitute for form 1449/PTO			Complete if Known		
				Application Number	10/796,856-Conf. #2436	
l IN	<b>IFORMATION</b>	I DI	SCLOSURE	Filing Date	March 9, 2004	
s	TATEMENT E	3Y /	APPLICANT	First Named Inventor	lan Hunter	
				Art Unit	1797	
	(Use as many sh	ets as	necessary)	Examiner Name	A. Soderquist	
Sheet	Sheet 5 of 10			Attorney Docket Number	65689DIV3(43382)	

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AS/	AY2*	US-5,476,744	12-19-1995	Anno et al.	
	AZ2*	US-5,476,774	12-19-1995	Wang et al.	
	AA3*	US-5,492,806	02-20-1996	Drmanac et al.	
	AB3*	US-5,504,007	04-02-1996	Haynes	
$\neg \neg$	AC3*	US-5,508,197	04-16-1996	Hansen et al.	
	AD3*	US-5,525,464	06-11-1996	Drmanac et al.	
	AE3*	US-5,538,848	07-23-1996	Livak et al.	
	AF3*	US-5,554,339	09-10-1996	Cozzette et al.	
$\neg$	AG3*	US-5,561,058	10-01-1996	Gelfand et al.	
	AH3*	US-5,561,071	10-01-1996	Hollenberg et al.	
	AI3*	US-5,593,839	01-14-1997	Hubbell et al.	
	AJ3*	US-5,641,391	06-24-1997	Hunter et al.	
	AK3*	US-5,656,493	08-12-1997	Mullis et al.	
	AL3*	US-5,667,972	09-16-1997	Drmanac et al.	
	АМЗ*	US-5,720,923	02-24-1998	Haff et al.	
	AN3*	US-5,780,233	07-14-1998	Guo et al.	
VIZ	AO3*	US-5,785,926	07-28-1998	Seubert et al.	
A	AP3*	US-5,871,908	02-16-1999	Henco et al.	
/AS/	AQ3*	US-5,879,632	03-09-1999	Demers	

		FOREI	GN PATENT	DOCUMENTS	3		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY		of Patentee or if Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
***************************************	84	WO-03/02220	01-09-2009	Diotrove Inc			Г
/AS/	BZ	WO-95/01559	01-12-1995	Evotec Biosy al.	rstems Gmbh e	t	Г
/AS/	BA1	WO-95/11755	05-04-1995	Houston Adv Center et al.	ranced Res		Г
/AS/	BB1	WO-97/15394	05-01-1997	Smithkline B al.	eecham Corp e	t	Г
****************	801	WO-00/01790	01-19-2000		chnologico: Inc	potent	
	DD1	DE 100 40 224	00-20-2002	Deepe, et al.		-	
Examiner		/Arlen Soderquist/			Date Considered	04/27/2009	

"EXAMINED Initial indexense considered, whether or not diction in a conformance with MIET 960. Date (in the body) diction if not in conformance and not considered include copy of the form when more communications to applicant." CEIT 100, These applications when we make which we might wish the middle when a reging activated the properties of the CEIP 100 acres of of the CEI

Approved for use through 02/28/2009, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Uni	der the Paperwork Heduction	Act of 19	995, no persons are required to r	espond to a collection of infor	mation unless it contains a valid OMB control number	
Sub	stitute for form 1449/PTO			Complete if Known		
				Application Number	10/796,856-Conf. #2436	
11	<b>VEORMATION</b>	I DI	SCLOSURE	Filing Date	March 9, 2004	
l s	TATEMENT E	3Y /	APPLICANT	First Named Inventor	lan Hunter	
_				Art Unit	1797	
	(Use as many sh	eets as	s necessary)	Examiner Name	A. Soderquist	
Sheet	Sheet 6 of 10			Attorney Docket Number	65689DIV3(43382)	

			U.S. PA	TENT DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
/AS/	AR3*	US-5,897,842	04-27-1999	Dunn et al.	
1	AS3*	US-5,928,907	07-27-1999	Woudenberg et al.	
	AT3*	US-5,942,432	08-24-1999	Smith et al.	
	AU3*	US-5,962,316	10-05-1999	Beach et al.	
$\neg$	AV3*	US-5,994,056	11-30-1999	Higuchi	
1	AW3*	US-6,001,586	12-14-1999	Schellenberger	
-1	AX3*	US-6,020,141	02-01-2000	Pantoliano et al.	
VIZ.	AY3*	US-6,086,825	07-11-2000	Sundberg et al.	
_₩_	AZ3*	US-6,088,100	07-11-2000	Brenan et al.	
/AS/	AA4*	US-6,090,251	07-18-2000	Sundberg et al.	
	AB4	US-0,100,109	00-15-2000-	Djornson et al.	
	A04***	US-8:130:500		Sands et al.	
	AD4*	UO 0,149,915	44-24-2000-	Coulor	
/AS/	AE4*	US-6,174,670		Wittwer et al.	
/AS/	AF4*	US-6,197,563	03-06-2001	Erlich et al.	
	404	UC-6,205,470-D1	05-22-2001	Friedman et al.	
	AHA	UG-6:245:505	06-12-2001		
	Aldi	UG-0:251:040		Bubrow et al.	
	, <del>0,042</del>	US-0.271.024		O	

	FOREI	GN PATENT	DOCUMENTS		
Cito	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	Г
No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (#known)	MM-DD-YYYY	Applicant of Cited Document	Or Relevant Figures Appear	Te
BE1	EP-0 236 069	09-09-1987	Cetus Corporation		г
BF1	EP-0 402 888	12-19-1990	Behringwerke		г
BG1	EP-0 506 993	10-07-1992	Geo-Centers, Inc.		г
BH1	EP-0 882 593-A1	12-09-1998	Xerox Corporation		
DH	EP-1 155 742	11-21-2001	Genetix Limited		г
BJ1	JP-11-061498	03-05-1999	Ebara Yuujiraito KK		г
	BE1 BF1 BG1 BH1	Cite   Foreign Patert Document	Cite   Posign Patent Document   Publication   Deciminary   Publication   Deciminary   Decimina	Common   C	Programme

1710, 100	01 11 001 100	00 00 1000 200	rac raciji auto rac		_
Examiner Signature	/Arlen Soderquist/		Date Considered	04/27/2009	

\*EXAMINED. Initial inference considered, whether or not detains a no conformance with METE 900. Date lines through detains it not in conformance and not considered. Include copy of the form with most communications be piperate. "CEIT No. Those applications which are missing the artising the steriled in the CIE No. are not supplied (under 37 CEIT 1.08(a)2(a)(a)) because that application was filled after June 30, 2000 or a available in the PM. "Application unjugic existion designation number (primals)." See Michael Conformation and Comment and application was filled after June 30, 2000 or a available in the PM. "Application unjugic existion designation number (primals)." See Michael Conformation of USEPTO Flatent Occurrent all applications or a filled primals and the primals of the primals of

PTC/SB/08a (01-09)
Approved for use through 02/28/2009. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

_	Under th	e Paperwork Reduction	Act of 1	995, no persons are required to r	espond to a collection of infor	mation unless it contains a valid OMB control number	
I	Substitu	e for form 1449/PTO			Complete if Known		
ı					Application Number	10/796,856-Conf. #2436	
ı	INF	ORMATION	ID V	SCLOSURE	Filing Date	March 9, 2004	
ı	STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	Ian Hunter	
ı					Art Unit	1797	
ı	(Use as many sheets as necessary)				Examiner Name	A. Soderquist	
	Sheet 7 of 10		Attorney Docket Number	65689DIV3(43382)			

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1644	US-0,230,702	40-02-2001	Bryning et al:	
/AS/	AL4*	US-6,284,113	09-04-2001	Bjornson et al.	
	AMA	US-0:012:100-D1	11-08-2001-	Haluzak	
	***************************************	US-0,337,435	01-08-2002	Chu et al.	
	A04	U3-0.535.774-B1	03-05-2002	Coldenberg et al.	
/AS/	AP4*	US-6,391,559	05-21-2002	Brown et al.	
	104	U9-0:999:990	00-04-2002	9000	
	AR4*	US-6:000:052	08-84-2082-	+hake-et-pl-	
***************************************	A94***	US-0,404,100		Puchianu et al:	
/AS/	AT4*	US-6,410,331	06-25-2002	Schultz et al.	
	****	UG-0;454;024		dedrzejewski et al:	
Electronic Control	AV4***	US-0:403:030		Plast et al:	
***************************************	****	U9-0:405:944	11-20-2002	Charch et al.	
	A)(4*···	US-6:485:104	12-17-2002		
/AS/	AY4*	US-6,503,757	01-07-2003	Chow	
////	4242	US 6,544,707		Blumenfeld et al:	
Pro		US-0,572,020		Potyrailo et al:	
×0000000000000000000000000000000000000	AD5*	US-0.570.050		Delucas et al.	
				Caldwell et al.	

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Г		
Initials*	No.1	Country Code <sup>5</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known)	Date MM-DD-YYYY	Applicant of Cited Document		Te		
	BK4	JP 2002-005956	11-20-2002	Menicon Oo Ltd		$\overline{}$		
	BL4	JP 2002 200005		Misawa Homes Go Ltd		Н		
/AS/	BM1	WO-97/37036	10-09-1997	Genencor International, Inc.				
						_		
Examiner	1	/Arlan Cadarquiat/		Date	04/07/0000			

Signature	/Arien Soderquist/	Considered	04/27/2009
	Initial if reference considered, whether or not citation is in conformance with MPEP 609.		
	include copy of this form with next communication to applicant. * CITE NO. Those applica		

to the One No. ser not supplied (index 27 CEF 1 59(4)(2)(iii)) because that application was filed after June 30,0000 or a validable in the FW . Applicants unquire clinical registration number (policies). "See Ninds Octor of USPTO Platent Occurrents at was usual, page or WTPF 0 9010." Set Published to USPTO Platent Occurrents, by the two-letter code (WTPO Standard ST.g). "For Japanese patient documents, the indication of the year of the regist of the Emperor must proceed by earth number of the patient document." "For all of document by the appropriate symbols as edicated on the document under WTPO Standard ST.16 if possible." "Applicants to place a check mark from of English Imaging Transistion is study."

Approved for use through 02/28/2009, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Ur	der the Paperwork Reduction	Act of 1	995, no persons are required to r	espond to a collection of infor	mation unless it contains a valid OMB control number	
Su	bstitute for form 1449/PTO			Complete if Known		
				Application Number	10/796,856-Conf. #2436	
1	NFORMATION	I DI	SCLOSURE	Filing Date	March 9, 2004	
5	STATEMENT BY APPLICANT			First Named Inventor	lan Hunter	
				Art Unit	1797	
	(Use as many sheets as necessary)			Examiner Name	A. Soderquist	
Sheet	8	of	10	Attorney Docket Number	65689DIV3(43382)	

			U.S. PA	TENT DOCUMENTS	
		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	No.1	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
•••••	AD5**	UO 0,000,701	4 <del>0-20-2000</del>		
************	AE5*	US-0,042,000	11-04-2009	Strizhkov et al.	
************	AFS	US-6,649,402	44-48-2009-	Van der Weide et al.	
Reservoires	A85*	US-0,004,044	12-10-2003	Salu et al.	
***************************************	AHS	US-0,077,151	01-13-2004	Sandell	
	A15***	US-0,002,702	01-27-2004	Bartir et al.	
	AJ5***	<del>US-0,009,523</del>	02-10-2004	Fisher et al.	
/AS/	AK5*	US-6,703,236	03-09-2004	Atwood	
	ALU	US-0,700,330	03-10-2004	Kary et al.	
/AS/	AM5*	US-6,821,486	11-23-2004		
*****************	ANS	US-0,041,003	01-11-2005	Lefkowitz et al.	
	AO5***	US-0.040.402	02-01-2003	Covington et al.	
***************************************	APS	U3-0.070.554		Schermer et al.	
	AQ5*	US-7,225,503		McNeely et al.	
	ARS	US-7:000:790		Perbost et al.	
***************************************	A95**	US-20010033334	12-20-2001		
***************	ATS	US-20020003177		O'Gormor et al:	
/AS/	AU5*	US-20020015994	02-07-2002	Schellenberger et al.	
EEE	AWSa.	<del>US-20020072006</del>		O'Keefe et al.	
	AW5		07-10-2002		
	A)(5***		00-15-0000	devanovielr et al:	
/AS/	AY5*	US-20020119578	08-29-2002		
	AZIS	US-20000009505	02-27-2000		
	AAGA	US-2000000007	05-01-2000		
	ADG	US-20030100720		Ochembri et al.	
	AGGA	US-20000119042		Franco De Garabia Resade et al-	
***************************************	ADO	UC 20000100007	00-25-2003		
	AEG*	US 20030186350	10-02-2003		
	AFGE	UC-20000207000		Cillmor et al.	
	AG6*		02-26-2004	Uses et al.	
	AHG	US-20040203303	10-21-2004	Marin or an	
	ALCE	US-20040203000		Thompson et al.	
	AUG	UG 20040171166	09 02 2004	Thompson ct al.	
	ARO	TUS-20040200792	10-21-2004	Limon et al.	

Examiner Signature	/Arlen Soderquist/	Date Considered	04/27/2009

\*EXAMINE: I final if enference considered, whether or not dation in a conformance with MIFE 960. Date less through dations if not in conformance and not considered include copy of the form with more communication to applicant. "CIEI No. These applications" which are marked with an entry attention to the CIE No. are not supplied (under 37 CFF ) 198(a)(2)(iii)) because that application was filled after June 30, 2000 of its available in the FW . Application is under a proposed control observation number (pointion). "See Miscal Cooks of USFFO Piction Consenses of supervision of the State Piction (in the Cief Piction Consenses of USFFO Piction Counter and supervisioning or MFFF 9010 A." Either Cline the interaction of the Consenses of the Consenses of USFFO Piction Consen

Approved for use through 02/28/2009, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

_	Under the Paperwork Heduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.						
	Substitute for form 1449/PTO			Complete if Known			
				Application Number	10/796,856-Conf. #2436		
	INFORMATION	I DI	SCLOSURE	Filing Date	March 9, 2004		
	STATEMENT B	3Y /	APPLICANT	First Named Inventor	Ian Hunter		
				Art Unit	1797		
	(Use as many sheets as necessary)			Examiner Name	A. Soderquist		
Sł	eet 9	of	10	Attorney Docket Number	65689DIV3(43382)		

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code <sup>2</sup> ( If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	ALO	US-20040205005	11-25-2004	Friedlander et al.	
	Alvio	US-20050130213	08-10-2005	Morrison	
·	A140*-	<del>US-20000057209</del>	09-10-2000	Chapman et al.	
	400	US-20080134108	80-91-2006		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/AS/	CA	Mann A. Shoffner et al. Chip PCR. I. Surface passivation of microfabricated silicon-glss chips for PCR, 24(2) Nucleic Acids Research 375-79 (1996).	
/AS/	СВ	CRC Handbook of Chemistry and Physics, Ed. Robert C. Weast, Ph.D. 65th Edition. 1984- 1985. PPF-20 - F-35.	
/AS/	СС	Adlercreutz et al., "Oxygen Supply to Immobilized Cells," European Journal of Applied Microbiology Biotechnology, Vol. 16 pp. 165-170 (1982)	
	CD	Tanya S. KANIGAN et al., "Living Chips for Drug Discovery", 3920 Proc. SPIE 172-80 (Mar. 2000).	
***************************************	CE	Luke 3C3NOW3Rt, Wanufacturing Methods for High Density Micro Ohannel-Arrays' (Jone 2000) (Master's Thesis) (Massachusetts Institute of Technology Dep't of Mechanical Eng).	
***************************************	CF	Collimst: BRENAN et al., "A massively parallel microfluidies platform for etorage and ultra high- throughput corooning", 4626 Proc. CPIS-560-60 (2002).	
	CG	Amult at al., "A Rapid Constile Screening System for Identifying Gene Specific Suppression  Outstand to the user in Human Calls," 20(6) Nucleic Acids Research of 5 in (ii) (2000).	-
/AS/	СН	Rolls et al., "A Visual Screen of GFP-Fusion Library Identifies a New Type of Nuclear Envelope Membrane Protein", 146(1) J. Cell Biology 29-43 (July 12, 1999).	
	CI	Siewere, Direction of Transcription Pactor Partners with a Yeast One Hybrid Screen*, 198- Methods in Molecular Diology 59-77 (2008).	
/AS/	CJ	Huimin Zhao & Frances H. Arnold, "Directed Evolution Converts Subtilisin E into a Functional Equivalent of Thermitase," 12(1) Protein Engineering 47-53 (1999).	
/AS/	СК	Prescott et al., Microbiology 31, 114-16 (1990)	
/AS/	CL	J.H. Brown, Charts for Counting Bacterial Colonies, 37 Am. J. Pub. Health Nations Health 206- 07 (1947)	
/AS/	СМ	Polokoff et al, Isolation of Somatic Cell Mutants Defective in the Biosynthesis fo Phoshatidylethanolamine, 256 J. Biological Chem. 7687-90 (1981)	

Examiner Signature	/Arlen Soderquist/	Date Considered	04/27/2009

\*EXAMINED Initial indexence considered, whether or not distant in a conformance with MIFE 900. Date lines through distant in not noncommence and not considered includes copy of the form when not communication to paperate. "GET No. These applications will be made on the communication replicated." The No. These applications will be made on the communication replicated in the Conformance and not considered include 27 CFT 1.98(a)(2)(iii)) because that application was filled after June 30, 2000 or is available in the PM. "Applicants upon contained application number (principle)." See Micela. Conformance of USFTO Pitation Occuments at application gave MFPF 9010 of ."Enter Cfine in their assessment of the paper of the PM of the PM of the Comment of the PM of the

PTOSSIGNE (0.102)
Approved for use through 0.022-000,0 MB 0651-0013.
U.S. Patient and Tademark Office; U.S. DEPATRIMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it centains a valid 0.0% entroll number

Sut	estitute for form 1449/PTO			Complete if Known		
"	outdie for form 1110/11 10			Application Number	10/796,856-Conf. #2436	
l IN	NFORMATION	I DI	SCLOSURE	Filing Date	March 9, 2004	
l s	STATEMENT BY APPLICANT			First Named Inventor	lan Hunter	
1				Art Unit	1797	
	(Use as many sheets as necessary)			Examiner Name	A. Soderquist	
Sheet	10	of	10	Attorney Docket Number	65689DIV3(43382)	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T°		
/AS/	CN	Coleman et al., Phospholipid Synthesis in Isolated Fat Cells, 252 J. Biological Chem. 3050-56 (1977)			
/AS/	со	de Macario et al., "The slide immunoenzymatic assay: a simple laboratory tool with multiple applications", Chemical Abstr. 67622t (1985).			
/AS/	CP	de Macario et al., "Slide Immunoenzymatic Assay (SIA) in Hybridoma Technology", 121 Methods in Ezymology 509-25 (1986).			
/AS/	ca	de Macario et al., "Adaptation of the Slide Immuneozymatic Assay for Quantification of DNA Hybridization: SIA-DNA". 8 Biotechniques 210-17 (1990).			

Examiner Signature	/Arlen Soderquist/	Date Considered	04/27/2009

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.